

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(h))

Attorney Docket No. **22350/19**

First Inventor **B ris Y khin**

Title **XRR Detector Readout Processing**

Process Mail Label No. **EV 225 775 027 US**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **46**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **9**]
5. Oath or Declaration [Total Sheets _____]
 - a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Reader Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: **Cover letter**

Check for \$417.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. **10/300,504**

Prior application information:


Examiner **Craig Church**Art Unit: **2882**

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

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Signature		Date	8/6/03

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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16591 U.S. PTO
10/635355
08/06/03

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ALAN MILLER, Ph.D.

*NOT ADMITTED IN NEW YORK

August 6, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
MAIL STOP PATENT APPLICATION

"Express Mail" mailing label No. EV 335 775 937 US
Date of Deposit: August 6, 2003

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Name: Deborah J. Angel

Signature: Deborah J. Angel

Re: New U.S. Patent Application
Divisional of Application No. 10/300,504 (our ref: 22350/19)
Title: XRR DETECTOR READOUT PROCESSING
Our File: 22350/20

Dear Sir:

Enclosed please find:

1. Fee Transmittal
2. Utility Patent Application Transmittal
3. Preliminary Amendment
4. Specification (45 pages)
5. Drawing (9 sheets); Abstract (1 page)
6. A check in the amount of \$417.00
7. Self-addressed return postcard

Please also acknowledge receipt of the enclosed documents by stamping the enclosed postcard and returning same to us.

Commissioner for Patents

-2-

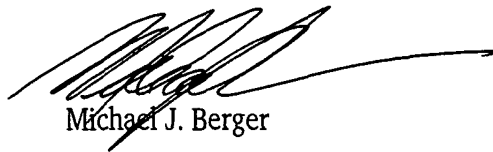
August 6, 2003

Please charge any outstanding amount or credit of any overpayment to
Deposit Account No. 01-1785.

A duplicate copy of this letter is enclosed.

Very truly yours,

AMSTER ROTHSTEIN & EBENSTEIN

A handwritten signature in black ink, appearing to read "Michael J. Berger", with a long horizontal flourish extending to the right.

Michael J. Berger

KJK/di

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2003</h2> <p style="margin: 0; font-size: small;">Effective 01/01/2003. Patent fees are subject to annual revision.</p>		Complete if Known	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	TBD
		Filing Date	August 6, 2003
		First Named Inventor	Boris Yokhin
		Examiner Name	
		Art Unit	
TOTAL AMOUNT OF PAYMENT		(\$) 417.00	
		Attorney Docket No.	22350/20

<h3 style="text-align: center; margin: 0;">METHOD OF PAYMENT (check all that apply)</h3> <p> <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None </p> <p> <input checked="" type="checkbox"/> Deposit Account: </p> <div style="border: 1px solid black; padding: 2px; margin: 2px;"> Deposit Account Number: 01-1785 </div> <div style="border: 1px solid black; padding: 2px; margin: 2px;"> Deposit Account Name: Amster, Rothstein & Ebenstein </div> <p> The Commissioner is authorized to: (check all that apply) </p> <p> <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments </p> <p> <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application </p> <p> <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. </p> <h3 style="text-align: center; margin: 0;">FEE CALCULATION</h3> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <h4 style="margin: 0;">1. BASIC FILING FEE</h4> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1001 750</td> <td>2001 375</td> <td>Utility filing fee</td> <td style="text-align: right;">375.00</td> </tr> <tr> <td>1002 330</td> <td>2002 165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003 520</td> <td>2003 260</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004 750</td> <td>2004 375</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005 160</td> <td>2005 80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (1)</td> <td style="text-align: right;">(\$) 375.00</td> </tr> </tbody> </table> </div> <div style="border: 1px solid black; padding: 5px;"> <h4 style="margin: 0;">2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</h4> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Total Claims</th> <th style="text-align: left;">Extra Claims</th> <th style="text-align: left;">Fee from below</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>18</td> <td>-20** =</td> <td>0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>4</td> <td>-3** =</td> <td>42</td> <td style="text-align: right;">42</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td style="text-align: right;">42</td> </tr> </tbody> </table> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th></th> </tr> </thead> <tbody> <tr> <td>1202 18</td> <td>2202 9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201 84</td> <td>2201 42</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203 280</td> <td>2203 140</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>1204 84</td> <td>2204 42</td> <td>** Reissue independent claims over original patent</td> </tr> <tr> <td>1205 18</td> <td>2205 9</td> <td>** Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (2)</td> </tr> </tbody> </table> </div> </div>	Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)			1001 750	2001 375	Utility filing fee	375.00	1002 330	2002 165	Design filing fee		1003 520	2003 260	Plant filing fee		1004 750	2004 375	Reissue filing fee		1005 160	2005 80	Provisional filing fee		SUBTOTAL (1)			(\$) 375.00	Total Claims	Extra Claims	Fee from below	Fee Paid	18	-20** =	0	0	4	-3** =	42	42	Multiple Dependent			42	Large Entity	Small Entity	Fee Description	Fee Code (\$)	Fee Code (\$)		1202 18	2202 9	Claims in excess of 20	1201 84	2201 42	Independent claims in excess of 3	1203 280	2203 140	Multiple dependent claim, if not paid	1204 84	2204 42	** Reissue independent claims over original patent	1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)		
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FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) _____

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Michael J. Berger	Registration No. (Attorney/Agent)	25,829
Signature		Telephone	212-336-8000
		Date	8/6/03

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